

REMARKS

This amendment adds and changes claims in this application. A detailed listing of all claims that are, or were, in the application, irrespective of whether the claim(s) remain under examination in the application, is presented, with an appropriate defined status identifier. After amending the claims as set forth above, claims 1-37 are now pending in this application. Claim 1, 4, 10, 12 and 19 are amended, claims 2-3, 5-9, 11, 13-18 and 20-36 are withdrawn and claim 37 has been added. Support for claim 37 is found, *inter alia*, at pages 16, 18-20 and 25. The specification has been amended to remove all hyperlinks.

The claims have been amended to render all of the present objections and rejections moot. Claim 1 is directed to a transgenic *Drosophila* and claim 4 is a method claim that depends from claim 1. The word gene has been deleted from the claims, thereby overcoming rejections based on lack of written description. The rejections for indefiniteness have all been addressed.

Applicants respectfully traverse the rejections for lack of enablement. As demonstrated by the disclosure of the specification and the numerous figures based on experimental data, applicants have demonstrated considerably more than “a *Drosophila* [that] exhibits abnormal development of dorsal tergites that lack pigmentation.” The specification and drawings clearly establish a wider range of phenotype changes, including changes of the eyes, wings and legs. Therefore applicants respectfully request reconsideration and withdrawal of this rejection.

Applicants believe that the present application is now in condition for allowance. Favorable consideration of the application as amended is respectfully requested. The

Examiner is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application.

Respectfully submitted,

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By



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Should additional fees be necessary in connection with the filing of this paper, or if a petition for extension of time is required for timely acceptance of same, the Commissioner is hereby authorized to charge Deposit Account No. 19-0741 for any such fees; and applicant(s) hereby petition for any needed extension of time.